

ULBP-2 recombinant protein

Biotinylated Human ULBP-2 Protein Recombinant

CATALOG #	HOST
AAA76270	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

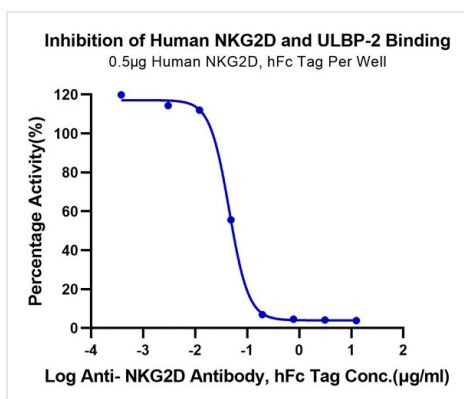
PRODUCT SYNONYMS

ULBP-2; Biotinylated Human ULBP-2 Protein Recombinant; ULBP-2 recombinant protein

PRODUCT SPECIFICATIONS

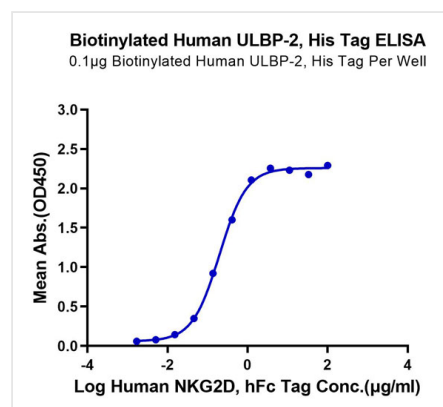
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human ULBP-2 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human ULBP-2 including a C-His-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVItag biotinylation technology.
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Biological Process	Host-virus-interaction, Immunity
Reconstitution	Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C.

IMAGES



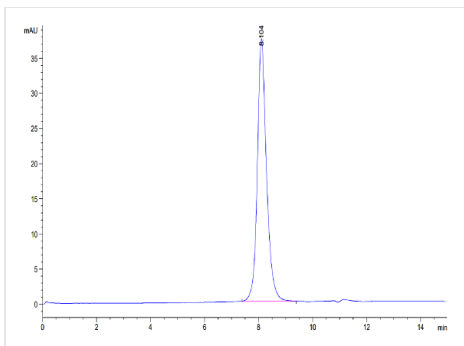
Application Data

Biotinylated Human ULBP-2 Protein Blocking Data: Serial dilutions of Anti-NKG2D Antibody, hFc Tag were added into Biotinylated Human ULBP-2, His Tag : Human NKG2D, hFc Tag binding reactions. The half maximal inhibitory concentration (IC50) is 45.2ng/ml.



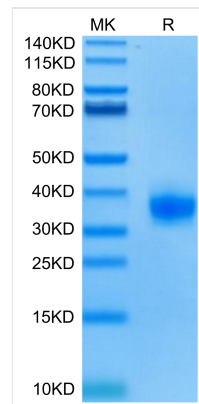
ELISA

Biotinylated Human ULBP-2 Protein ELISA Data: Immobilized Biotinylated Human ULBP-2, His Tag at 1µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Human NKG2D, hFc Tag with the EC50 of 0.2µg/ml determined by ELISA.



Application Data

Biotinylated Human ULBP-2 Protein SEC-HPLC The purity of Biotinylated Human ULBP-2 is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human ULBP-2 Protein Tris-Bis PAGE Biotinylated Human ULBP-2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for ULBP-2 recombinant protein

Biotinylated proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	37182452
NCBI GeneID	80328
UniProt Accession #	Q9BZM5; Q5VUN4
Molecular Weight	27,368 Da
NCBI Official Full Name	ULBP2
NCBI Official Synonym Full Names	UL16 binding protein 2
NCBI Official Symbol	ULBP2
NCBI Official Synonym Symbols	N2DL2; RAET1H
NCBI Protein Information	NKG2D ligand 2; N2DL-2; NKG2DL2; ALCAN-alpha; UL16-binding protein 2; retinoic acid early transcript 1H; retinoic acid early transcript 1 H
UniProt Protein Name	NKG2D ligand 2
UniProt Gene Name	ULBP2
UniProt Synonym Gene Names	N2DL2; RAET1H; N2DL-2; NKG2DL2
UniProt Entry Name	N2DL2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/ulbp2-recombinant-protein-hek293-cells/76270>